TRANSMITTAL

PTO/SB/21 (08-00) **Application Number** 10/588,064 Filing Date August 1, 2006 **First Named Inventor** Kiyoshi KATO **Group Art Unit Examiner Name**

FORM (to be used for all correspondence after initial filing) Total Number of Pages in This Submission

Total Number of Pages in This C	Jubinission	Attorney bocket Number	0730-			
ENCLOSURES (check all that apply)						
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts		Assignment Papers (for an Application) Drawing(s) Declaration and Power of Attorney Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks The Commissioner is for	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosures 1. 2. 3. 4. 5. 6.			
under 37 CFR 1.52 or 1.53		fees required or credit any overpayments to Deposit Account No. 50- 2280 for the above identified docket number.				
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165					
Signature	36					
Date	July 24, 2007					
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below.						
Type or printed name Ade		ele M. Stamper				
Signature		We m Stamper	Date	July 24, 2007		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Group Art Unit:
Kiyoshi KATO)	Examiner:
Serial No. 10/588,064)	CERTIFICATE OF MAILING I hereby certify that this correspondence is
Filed: August 1, 2006)	being deposited with the United States Postal Service with sufficient postage as First Class
For: NONVOLATILE MEMORY)	Mail in an envelope addressed to Commissioner for Patents, P.O. Box 145 Alexandria, VA 22313-1450, on July 24, 200
)	ache M Stamper

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known

filing of this information disclosure statement.

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the

The attached references were cited in a European Search Report of counterpart European Patent Application No. 05710153.7 mailed May 3, 2007.

This Information Disclosure Statement is being submitted before the issuance of a first Office Action on the merits, therefore, no fee is required.

Respectfully submitted,

Eric J. Robinson

Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C. PMB 955

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Sheet

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Approved for use through 10/31/2002. OMB 0651-0031

0756-7772

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Complete if Known Application Number 10/588,064 Filing Date August 1, 2006 First Named Inventor Kiyoshi KATO Group Art Unit Examiner Name

U.S. PATENT DOCUMENTS						
Examiner Cite Initials No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number	Kind Code ² (if known)	Document	MM-DD-YYYY		
		5,029,131		Vancu	07/02/1991	
		4,970,691		Atsumi et al.	11/13/1990	
		4,807,188		Casagrande	02/21/1989	

Attorney Docket Number

			FC	REIGN PATENT DOC	UMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document Kind Code ^s		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages	
		Office ³	Number ⁴ (if known)	Document	WIWI-DD-1111	or Relevant Figures Appear	T ⁶
		EP	0 337 393		10/18/1989		Eng.
		EP	0 293 339		11/30/1988		Eng.
		JP	10-154293		06/09/1998		Abst.
		JP	2002-203217		07/19/2002		Abst.
							,
			OTHER PRIOR A	ART – NON PATENT LITI	ERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²		
	European Search Report (Application No. 05710153.7) dated May 3, 2007.						
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Paterit Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Group Art Unit	
Examiner Name	
Attorney Docket Number	0756-7772

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Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.			
SIG	NATURE OF APPLICANT, ATTORNEY, OR AGENT			
or Ro PM Individual name 21	c J. Robinson, Reg. No. 38,285 binson Intellectual Property Law Office, P.C. B 955 010 Southbank Street omac Falls, VA 20165			
Signature	5			
Date Jul	July 24, 2007			
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Type or printed name	Adele M. Stamper			
Signature	adul Margaret Date July 24, 2007			

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